

WHAT IS CLAIMED IS:

- 1 1. An insect bait station for attracting and killing an insect, said insect
2 station comprising:
3 a body having an external groove for supporting a pesticide.
- 1 2. The insect bait station according to claim 1, wherein said body is
2 cylindrical or sperical.
- 1 3. The insect bait station according to claim 2, wherein said body
2 comprises a cylinder.
- 1 4. The insect bait station according to claim 3, wherein said groove is
2 elongated.
- 1 5. The insect bait station according to claim 3, wherein said groove
2 extends generally longitudinally along the length of said cylinder body.
- 1 6. The insect bait station according to claim 3, wherein said groove
2 has a spiral slope.
- 1 7. The insect bait station according to claim 4, wherein the height of
2 said groove is at least two times larger than the width of said groove.
- 1 8. The insect bait station according to claim 3, wherein said body has
2 a plurality of grooves.
- 1 9. The insect bait station according to claim 3, wherein said cylinder
2 has a diameter of between about ¼ inch to about 2 inches.
- 1 10. The insect bait station according to claim 3, wherein said cylinder
2 is between about 6 inches to about 18 inches in length.
- 1 11. The insect bait station according to claim 3, wherein said groove is
2 circumferential.
- 1 12. The insect bait station according to claim 1, further comprising a
2 hanger member connected to said body.

1 13. The insect bait station according to claim 1, wherein said body is
2 extrusion molded.

1 14. The insect bait station according to claim 1, wherein said body is
2 injected molded.

1 15. The insect bait station according to claim 3, further comprising a
2 pesticide disposed in the external groove wherein said pesticide is a viscous liquid or
3 solid formulation.

1 16. The insect bait station according to claim 15, wherein said
2 pesticide is a fast acting insecticide.

1 17. The insect bait station according to claim 15, wherein said
2 pesticide is a member selected from the group consisting of nitromethylene and phenyl
3 pyrazole.

1 18. The insect bait station according to claim 15, wherein said
2 pesticide sticks to said body under the force of gravity.

1 19. The insect bait station according to claim 17, wherein said
2 insecticide is a fast acting insecticide.

1 20. The insect bait station according to claim 1, further comprising a
2 pest attractant reservoir connected to said body.

1 21. The insect bait station according to claim 20, wherein said body
2 has a top portion and a bottom portion, said pest attractant reservoir being affixed to said
3 bottom portion. The reservoir could be part of the hanger device, also. 112

1 22. The insect bait station according to claim 20, wherein said pest
2 attractant reservoir being affixed to said hanger member.

1 23. The insect bait station according to claim 20, wherein said pest
2 attractant is an insect pheromone.

1 24. The insect bait station according to claim 20, wherein said pest
2 attractant is a feeding attractant.

1 25. The insect bait station according to claim 1, further comprising a
2 cylinder sheath.

1 26. The insect bait station according to claim 1, wherein said pesticide
2 is formulated to kill *Musca domestica*.

1 27. An insect bait station for killing *Musca domestica*, said station
2 comprising:

3 a body having an external surface oriented generally vertically, said
4 external surface comprising at least one groove configured to support a pesticide of a
5 viscous liquid or solid formulation so that said pesticide is exposed to said external
6 surface of said body.

1 28. The insect bait station according to claim 27, wherein said external
2 surface of said body comprises a plurality of generally vertical grooves.

1 29. The insect bait station according to claim 27, wherein said body is
2 generally cylindrical.

1 30. The insect bait station according to claim 27, wherein said at least
2 one groove covers an area of the external surface equal to at least about 30% of the total
3 area of said external surface.

1 31. An insect bait station comprising:
2 a body including a continuous external surface having at least one external
3 groove for supporting a pesticide, said at least one external groove exposing said pesticide
4 to said external surface of said body and providing one or more edges for insects to land
5 on or near said pesticide.

1 32. The insect bait station according to claim 31, wherein said body is
2 generally cylindrical.

1 33. A method for killing an insect, said method comprising:
2 providing a station body having at least one external groove on an external
3 surface to provide one or more edges for said insect to land; and

4 applying a self-adhering pesticide on said external groove to expose said
5 pesticide to said external surface and place said pesticide at or near said one or more
6 edges.

1 34. The method according to claim 33, wherein said insect is a fly.